

The Northfield Press

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William F. Hoehn, Editor

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A Happy New Year To All

Named Dist. Deputy Of Masonic District

Harle F. Squires of Gill and past master of Morning Sun Lodge of Masons in Conway, has been appointed district deputy Grand Master for the Greenfield 14th district by the Grand Master to succeed George F. Clapp of Mount Sugarloaf Lodge of South Deerfield, effective at once, and to continue for one year.

Squires is associate patron of the Turners Falls chapter, O. E. S.; member of Royal Arch chapter, Greenfield; Gallies White Shrine of Greenfield; past grand of Valley lodge, L. O. O. F., Turners Falls; and district deputy grandmaster of the grand lodge, I. O. O. F. He also is cashier of the Conway National Bank and town clerk and treasurer of the town of Gill.

Orangetime at Xmas

Because of the generosity of Spurgeon Gage of Orlando, Fla., a summer resident of Northfield, four bushels of oranges were received by the local Salvation Army fund committee, of which Ross L. Spencer is chairman and William F. Hoehn treasurer, for proper distribution in homes and institutions here where they would bring a bit of cheer.

The oranges have all been distributed through the schools, churches and private delivery to children and invalids, especially to all the convalescent homes. The happiness and smiles of the "kiddies" when they were given the oranges was like a ray of sunshine with a thank you discerned. And this went for the older ones too.

FARM BUREAU HEAD TO SPEAK IN WORCESTER

New England farmers will be first to see the new president of the American Farm Bureau Federation in action. President Allan B. Kline, Iowa farmer just chosen to lead the powerful Farm Bureau, comes to Worcester on Jan. 7 to speak before the various farm groups on the responsibilities of the farmers in the international field.

Kline has had much first hand experience in Europe in the last several months and has been helpful in setting up the international Federation of Agricultural Producers with which Farm Bureau has affiliated.

The Union Agricultural meetings at Worcester afford each year an opportunity for the various farm commodity groups to hold statewide meetings. Exhibits are the main attraction in the auditorium. All meetings have been so scheduled as to allow a free hour Jan. 7 from 1.30 to 2.30 p. m. for the purpose of hearing President Kline whose appearance has been arranged by the Massachusetts Farm Bureau Federation.

The newly elected president of the American Farm Bureau Federation steps into the shoes of colorful Ed O'Neal, who led the organized farmers for 16 years. Retiring at the Chicago Convention last week O'Neal said he wished to pass the job to younger hands.

WEDDINGS

RAINEY-WRIGHT

In Russell Sage Chapel on the campus of the Northfield School for Girls on Saturday, Dec. 29, Miss Mary Adelaide Wright, daughter of Dr. and Mrs. Horace E. Wright and granddaughter of Dr. and Mrs. Edward Fairbank, all of this town, was married to Joseph Blatrunk Rainey of Denver, Colo. The young couple will reside in Atlanta, Ga.

More Pay to Nurses

According to an announcement the nurses in this state who minister to patients in and out of hospitals expect to receive eight dollars per day with one dollar extra for subsistence. This is an increase of one dollar over present rates. With the costs of physicians, medical services, hospitalization and nursing, one can hardly afford to be sick, so take good care of your health.

More Seek Office What Price Glory

Since the filing of the certificate of nominations for the various town offices of the caucus, there have been four additional nominations filed as permitted by law. Thus in some cases there will be another competition provided. The first nomination paper filed was for Mrs. W. B. Wells for school committee, who is the present incumbent. Mrs. Wells was defeated at the caucus by Mrs. Glenn Billings, who holds the caucus nomination.

Paul Chamberlain has filed nomination papers for constable. William M. Marshall and Homer Browning, Jr., have filed nomination papers for the position of selectman (for one year term). Both Marshall and Chamberlain were contestants at the caucus.

South Vernon Skiing

The lower slopes of the Pine Top ski area at South Vernon were opened to the public without charge last Saturday and Sunday afternoons. Both days many enthusiasts wended their way to Huckle Hill to "Stonehurst," the home of Mr. and Mrs. Oliver D. Racine. At one time there were more than 100 people.

The tow is ready for the lower slopes and they will be open for use after the New Year on each week-end. Refreshments will be on sale at the ski park. It is just a short journey from Northfield and all friends of skiing will find a delightful outing in a visit to Pine Top.

CHURCH NOTES

TRINITARIAN CONGREGATIONAL CHURCH
Rev. Joseph W. Reeves, Minister
Sunday, Jan. 4
10 a. m. Church School and Young People's Forum.
11 a. m. Worship. Sermon subject, "Stones and Prayers." There will be the observance of Holy Communion. Nursery for pre-school age children.
6.30 p. m. Mrs. Iris Whitney will lead the devotional service at Pilgrim Fellowship. First in an annual series of "Personal Criticisms." Refreshments and social half-hour to follow.

The young people of the Trinitarian Church are sponsoring a roller skating party at the South Deerfield rink on Monday evening, Jan. 5. Cars leave from the Morgan Store in East Northfield and the Gingers Pharmacy in Northfield at 7 o'clock. Your help with transportation will be appreciated. All who enjoy roller skating are invited to go.

My New Year Prayer

1948

Christmas Joys
and
New Year Blessings
to you all

MISS CAROLINE B. LANE
24 Church Street
Greenfield Mass.

Notice to the Citizens of Northfield

Persons having articles for insertion in the warrant for the annual town meeting are asked to note that such articles must be in the hands of the selectmen not later than January 9 at 8 p. m., at which time the warrant will be closed.

ERNEST A. PARKER

GEORGE W. CARR

GEORGE H. SHELDON

Selectmen of Northfield

Free Service Mail Has Now Ended

The free service mail for men and women of the armed forces ended on Wednesday, the last day of the year, but it is possible that the privilege may be extended by Congress. Since March 27, 1942, the privilege of free mail service was given to all in the armed forces for first class mail, the only requirement being that the word "free" must be written in the right hand corner of the envelope and the sender's name and address with serial number in the left upper corner.

Over five billion letters have been forwarded by the Post Office Department since the privilege was granted. Nearly all servicemen and women in writing availed themselves of the privilege.

TOWN TOPICS

Miss Mildred Miller has closed her studio and apartment on Pine street and is at present at her home in New York City.

Mr. and Mrs. J. Lee Bolton returned last Monday night from a week's visit to Washington and with their son and family, Mr. and Mrs. Ernest Bolton at Silver Springs, Md.

The Misses Dorothy and Elsie Watson spent the holidays of Christmas with their mother, Mrs. R. L. Watson, whom they found enjoying good health.

Mr. and Mrs. Ernest Kirmann have returned after spending the Christmas holiday in Pittsburgh, Pa., making the trip by auto.

The editor has received many church bulletins and programs of the Christmas season but the most outstanding and attractive is the one of the First Reformed Church of Jamaica, N. Y., of which Rev. Dr. Robert A. Watson, a summer resident of this town, is the minister. Mr. and Mrs. George W. Carr entertained over the Christmas holidays, Mr. and Mrs. Hugh Galbraith of Wallkill, N. Y., and Mr. and Mrs. William G. Carr of Hartford, Conn. Mr. and Mrs. George W. Carr plan to go to Foxboro for the weekend of Jan. 4 to attend a birthday party for Mrs. Carr's mother, Mrs. Elizabeth Cook.

Miss Elsie Scott and Miss Mabel Darrab have purchased the real estate adjoining their properties in the Highlands from the estate of the late Rev. Dr. Arthur T. Brooks.

Mrs. Maud Montague will entertain the members of the executive committee of the Women's Guild of the Congregational Church at her home on Saturday afternoon.

The annual meeting of the Northfield Farms Library Association will be held Saturday evening at 8 o'clock at the library.

Neil Churchill, Ph. M. 2-c, son of Mr. and Mrs. Winston Churchill, of South Vernon, has been transferred from the Portsmouth Naval Hospital to the Boston Naval Shipyard Dispensary.

The next scheduled meeting of the Fortnightly will be Friday, Jan. 16 at Alexander Hall, when "World Affairs" will be discussed by Dr. Edmond S. Meany, Jr., of Mount Hermon School.

The Women's Alliance of the Unitarian Church will hear Rev. Hazel Rogers Greider, tell a story of New England, at its scheduled meeting at the church on Thursday, Jan. 8.

Miss Berlie Webster has closed her home at Croton Falls, N. Y., for the winter and is at her mother's home with a cozy apartment until spring.

Mr. and Mrs. Mott Gushe entertained another house party at their beautiful home "In the woodlands" over the Christmas holiday. Among the guests were Mrs. Pearl Backus, her sister and a number of friends from New York.

Charles and Delvy Field from Newburgh are visiting their parents, Mr. and Mrs. Charles Field on Warwick avenue.

NEW YEAR'S MESSAGE

Make a joyful noise unto the Lord, all ye lands.
Serve the Lord with gladness; come before his presence with singing.
Enter into his gates with thanksgiving, and into his courts with praise; be thankful unto him, and bless his name.

PSALM 100: 1, 2, 4

Christmas in Australia

The Press has received from Miss Patricia Rose, a young Australian, who is located now in Stockholm, Sweden, an interesting article on "Christmas in Australia," which describes how the holiday is observed there where the weather is intensely warm and it's the good old summer time. The editor regrets it could not be published, but its contents will be presented before a group of young people at a meeting of the organization to be held soon.

Town Topics

The directors of the Youth Hostel have announced an increase in the cost of passes to those who enroll. It is said, to increased expense of organization. The Youth pass will cost \$2 and the Adult pass will be \$3.

Since the recent blizzard storm roads on Rustic Ridge have been impassable, being covered with a deep layer of snow. Property owners who plan a visit to their summer residence must leave their cars below and do their best to walk about. Snowshoes or skis might help, but not with the novice.

Founders Day, honoring the memory of Dwight L. Moody, will be observed at the Northfield schools on Thursday, Feb. 5 in the usual appropriate ceremonies.

Mr. and Mrs. Thomas Mahar, Jr., of New York City spent the Christmas season as guests of Mr. and Mrs. Gordon Buffum.

Russell Durgin of Japan was the speaker at the morning service at the Congregational Church last Sunday morning. Mr. and Mrs. Durgin are at the home of her parents, Mr. and Mrs. Lawrence Lazelle.

Mrs. Louise Barnes LaBella is now located in St. Petersburg, Fla., where she will spend the winter and return early to her cottage on the Ridge.

Mrs. Thomas Parker of Main street, who has been at the Franklin County Hospital for an operation, is making a gradual improvement.

The Registrars will sit at the town hall on Saturday evening, Jan. 3 to meet prospective voters. Keep the date in mind and make it an appointment.

Wanted: good house with garage, in good location and reasonable in price, that is suitable for a young couple who will locate in Northfield. Contact Mr. Hoehn, phone 536.

It has been observed by visitors to Northfield during the Christmas season that the decorations, especially of trees and lights, have been fine and the many illuminated homes most attractive. Thus runs the comment and the illuminated Christmas tree on the campus of the School for Girls, the tree at the Northfield Hotel and at Valley Vista Inn, have been viewed and appreciated. Many trees are also on the lawns or in the windows of private homes and these too, have been noted.

DAY BY DAY

The greatest sale of flowers occurs during the holiday season with Easter, Christmas, Mother's Day, and Decoration Day being the most important.

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Receives a Visit

Mrs. Bessie Symonds of Highland avenue received a happy surprise greeting on Christmas day with an unexpected arrival of her daughter and husband, Mr. and Mrs. Herbert Stevens of Worcester. Mrs. Stevens has been very ill since last June and this was her first opportunity to make the visit since her serious illness. Mr. Stevens, who recently suffered an accident in November, is making a good recovery and is being treated by a specialist at the Holden Hospital. Here was a happy family reunion.

HEALTH FOR ALL

FINDING TUBERCULOSIS

More than 50,000 people in the United States die each year from tuberculosis. Furthermore, half a million people are estimated to have the disease in active form.

Of these cases, only half are known to health authorities. The other quarter million are unreported cases and constitute a grave threat to the health of the entire population.

They are a threat because tuberculosis is a communicable disease, spread by people with open cases. The unreported, or "unknown," cases are the chief source of infection. Frequently, people with early tuberculosis do not realize they are ill because of the symptomless onset of the disease, yet they are not only losing their own health but may be transmitting their disease to others.

These unknown cases must be found, if tuberculosis is ever to be eradicated. In other words, the unknown case is a source of infection to others and must be located. Precautions can then be taken to prevent the spread of the disease while the individuals affected are placed under treatment.

We know how to find the unknown cases of tuberculosis. They can be found by chest X-raying apparently healthy people over 15 years of age. The X-ray is the most important aid in finding tuberculosis for it can detect the presence of the disease even in that early stage before the symptoms are apparent.

With the development of X-ray equipment, using small films, it has become possible to X-ray large groups of people within a short period of time.

Throughout the country the National Tuberculosis Association and its affiliated state and local associations are cooperating with official health departments in mass X-ray examinations to screen out the unknown cases. When suspicious shadows are found on the films in these mass examinations, further X-rays must be taken and tests made before a definite diagnosis of tuberculosis can be reached.

Mass X-ray examinations are a practical way of finding unknown tuberculosis and wherever such programs are planned they should receive the wholehearted support of the community. Experience has proved, too, that the majority of cases found in these mass X-ray programs are still in that early stage when tuberculosis is easiest to cure.

The case-finding work of the tuberculosis associations affiliated with the National Tuberculosis Association as well as all other services of the associations, is supported by Christmas Seal funds. The sale of Seals, which provides the sole income of the association, opened Nov. 24 and continued until Christmas.

(This column is sponsored, in the interest of better health, by your tuberculosis association, the Southern Worcester County Health Association, 5 Pleasant street, Worcester.)

THE PRESS

Your Local Paper

"BLIZZARD OF 1947" NOW SUPERCEDES "1888"

Even though approximately 60 years have elapsed since the "Blizzard of 1888" New York City found itself just as paralyzed now as in the storm of long ago.

Ninety-nine million tons of snow were said to have fallen upon the great metropolis within the space of 24 hours. To this fact two residents of this town can attest.

As the fury of the storm mounted and the snow piled in great drifts upon all the highways, New York City became a great swamp of abandoned cars and trucks. Here and there some vehicle struggled, but like a wounded animal soon ceased its vain fight, and was left to the mercy of the elements.

Gaspar Bacon Dies

Gaspar G. Bacon of Boston, former lieutenant governor of this state, a professor of international law, lawyer and active member of the Republican party in this state, died Thursday, Dec. 25, after a brief illness.

He was a veteran of both World Wars and one of the founders of the American Legion, serving as its first national treasurer. He had many friends in this vicinity and often visited Northfield, exchanging greetings with members of the local town Republican committee.

DEATHS

MRS. CLARA MILLEA

Mrs. Clara (Davis) Millea of Warwick road died Saturday morning, Dec. 27, at the House of Mercy Hospital in Springfield, at the age of 82 years. She had been cared for there for the past three months. She was born Sept. 18, 1855 at Wendell, the daughter of Francis and Mary (Gruet) Davis. Her husband died many years ago and for the past eight years she has made her home with her brother, Louis M. Davis of this town, who survives. Also surviving is a daughter, Mrs. Chris Horan of Baldwin Park, Calif., and a son, Thomas Millea of Springfield. There is one granddaughter, Barbara.

The funeral service was at the Hays Funeral parlor in Springfield last Monday and burial was in St. Michael's Cemetery in that city.

FRANK BRITTON DIES

Frank Prentiss Britton of Greenfield, formerly a long-time resident of Northfield, died at the Farren Memorial Hospital on Monday, December 29, after a long illness. He was born in Ashuelot, N. H., on Sept. 19, 1873 the son of Charles P. and Abbie (Woodbury) Britton. He attended Northfield schools and on Oct. 4, 1897 married the former Marion L. Nims.

For many years he had been employed in various stores here as a clerk but retired in July 1946. He and his wife celebrated their 50th wedding anniversary last October.

He is survived by his widow; two sisters, Mrs. William Hummel of Glendale and Miss Nettie A. Britton of Los Angeles, Calif.; one brother, Clarence of Baltimore, Md.; and two nieces, Mrs. Charles C. Dowd of Springfield, and Mrs. George Mitchell of Mt. Vernon, N. Y.

Funeral services were held Thursday afternoon at the C. E. McCarthy funeral home with Rev. Edward Fairbanks of Northfield officiating. Burial was in the cemetery at Winchester, N. H.

KEEP POSTED

Wiring specialists advise posting a diagram of your wiring circuits by your fuse box to help spot the trouble when a fuse blows.

UP FRONT

Sunlamps have been used successfully in experiments by shirt manufacturers to bleach out scorch caused by too hot an iron.

From high above the streets nothing but desolation was in evidence and when the storm had abated it left in its wake nothing but a great all-enveloping blanket of wind-blown snow.

In the early morning narrow footpaths were made along what were busy traveled highways. New York had reverted back to two hundred years ago.

New York struggled to free itself, but the equipment was quite inadequate. The streets remained clogged and cars were left in their original positions of abandonment. Food was procured with sleds. Some homes were heated—others got along with scanty rations.

Many main thoroughfares were rutted and narrow, not even passable with ox and wagon.

For three and four days after the storm only good luck and heavy chains enabled motorists to get out of the city.

So after an enforced Christmas holiday the two Northfield residents returned just in time to spend the New Year in a town where you can at least drive down the main street after a storm.

The Town Movies Will Renew Showings

The Town Hall movies will return for showings in this town again on Thursday evening, Jan. 8 under the sponsorship of a committee of which Mrs. Mildred Addison is chairman. Harold Lord will again serve as the director.

While the first showing is on a Thursday evening the second exhibit will be on Friday evening, the 16th. The night of showing will alternate with the weeks. Following showing will be Jan. 8, 16, 22 and 30. The committee desires to express its thanks for the co-operation of the public and for their patience. The opening of this winter's series of plays was delayed by the painting of the town hall and other events.

The names of the movies are not yet available, but when received will be posted at the postoffices and at the Coffee Shop.

Announce Engagement

Rev. and Mrs. H. Dudley Peck of Ostunacalco, Guatemala, have announced the engagement of their daughter, Elinor Ford Peck, to John Wendell Sevringhaus, son of Dr. and Mrs. Elmer L. Sevringhaus of Montclair, N. J.

Miss Peck is the grand-daughter of the late Dr. and Mrs. William Jay Peck of Corona, Queens, N. Y. and of the late Rev. and Mrs. William Miller of Montclair, N. J. Both the paternal and maternal grandparents were summer residents of East Northfield for many years. Miss Peck was graduated from Wellesley College and is now doing graduate work at Biblical Seminary, New York City.

Mr. Sevringhaus is a graduate of Haverford College and took the first two years of his medical work at the University of Wisconsin. He is now continuing his medical training at the College of Physicians and Surgeons, Columbia University, New York City. No date has been set for the wedding. Miss Peck has a summer home in Pine Grove section of the Ridge.

Announce Engagement

Mr. and Mrs. Ernest Howard of this town announce the engagement of their daughter, Helen Dorothy Howard to Daniel Russell Wilson, son of Mr. and Mrs. Milo Wilson of Deerfield. No date has been set for the wedding.

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Phone Northfield 457

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REAL ESTATE

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Soviet Scientists Produce Cotton of Various Colors

Cultivation of cotton plants with colored staples has been developed on a considerable scale in the Soviet Union in recent years. The colored fiber is of great importance for the textile industry, making it possible to cut expenditures on dyes, lighten the labor involved in treating the fabrics, increase the strength and durability of the yarn and manufacture cloth with improved resistance to fading.

Propagation of colored cotton was commenced in 1936 by selectionists B. Strauman, I. Maximenko and K. Tsinda, working in Turkmenia and Kirghizia. By means of interspecific crossing these scientists succeeded in growing a cotton plant with green staples. Subsequently, by further crossing of different species and varieties, Strauman propagated a cotton plant with brown staples. This plant had light-brown staples retaining their color through subsequent generations, and was resistant to the disease known as wilt. In the beginning the brown-stapled cotton had short fibers and small bolls. By means of further cross-breeding and individual selection varieties with light-brown and dark-brown staples were grown, closely approaching the best varieties of cotton plants in their technical properties.

Popcorn Vending Ranks

As Major Enterprise

Starting about 1880, popcorn vendors have developed the business into the multi-million-dollar bracket.

Statistics on popcorn recently released by University of Illinois show that in 1945 more than 346,000 acres of popcorn was planted. Farmers got more than 16 million dollars for this explosive grain.

Popcorn is one of our oldest foods. Scientists say it was a daily diet of the earliest Americans. Columbus found the Indians popping corn and making necklaces from it.

The Aztecs not only used popcorn as a food, but also strung the corn on strings to decorate Tlaloc, god of maize. Today in Mexico one may find statues of the Virgin Mary with necklaces of snowy white popcorn in little chapels throughout the countryside.

Natives in Ecuador include popcorn in their daily diet, popping the corn in the same manner as their ancestors did. Sand is carried from the shore of a river or lake and heated in a fire. The hot sand then is placed into a bowl, and the corn is mixed with it and stirred continuously. As the kernels burst open, they come out on top of the sand.

Mattress Checking Tests

Here are three rules for checking the condition of mattresses: 1. Feel the mattress. Strip it of all bed-clothes and feel for broken springs which are pushing their way through the upholstery or for those which have collapsed and left depressions in the mattress. Feel the upholstery for lumps and run the hand along the top of the mattress to locate hills and valleys. 2. Look at the mattress tailoring. Are there any breaks anywhere in the stitching or covering? Are any tufts missing? Is the edge or border broken or sagging? Are the handles loose? Broken-down tailoring is a good sign that a mattress has had its share of wear. 3. The yardstick test. Lay a yardstick lengthwise, then crosswise on the mattress at intervals. Unless the mattress reaches the stick at all points, it is no longer level and will let the body sag during sleep.

Use of Paint Driers

Liquid driers contain substances which hasten the hardening of linseed or other drying oil. Oil driers are solutions of these substances in linseed oil. Japan driers are solutions of these substances and gums or resins in turpentine, benzine or other liquid. When a drier is added to an oil paint the coat dries in one or two days; when no drier is added the paint may not dry for a week or longer. Too much drier shortens the life of any paint and, by causing rapid drying of the surface, may keep thick films from becoming perfectly hard as soon as they should.

Sugar Beet Feed

Beet tops, beet pulp in its various forms and beet molasses enable the farmer to conduct a better livestock operation. They have built up a vast feeding industry in areas where other feed crops are less successful. Soil fertility is maintained and waste products are efficiently utilized. The average acre of sugar beets yields approximately 3,500 pounds of pure granulated sugar and the by-products from the same acre will produce at least 200 pounds of meat, when these by-products are properly fed to livestock.

Iron Ore Mining

Iron ore comes both from open pit mines and from shaft mines. Open pit mining is practiced to a very large extent on the Mesabi range in Minnesota where the ore lies very near the surface of the ground. Giant power shovels first strip off the soil and then dig the ore and load it into railroad cars. The largest pit mine, which is 2½ miles long, 1 mile wide and 250 feet deep, contains 70 miles of railroad trackage.



Conservation Pays Big Cash Dividends

Save the Soil Methods At Purdue Prove Ideal

A soil conservation system combining the teamwork of large amounts of fertilizer, contour farming, manure and deep rooted legumes, not only saves sorely needed rainfall and reduces the loss of soil, organic matter and plant food through runoff, but also promotes greatly increased yields of corn, wheat and hay, according to Glenn Bedell.

Such a system proved its benefits at the Purdue station. The test was conducted in 12 small fields from 1942 through 1945. All the fields had three-year rotations: corn, wheat and meadow. Six however, were farmed with common practices; the other six with a conservation system.

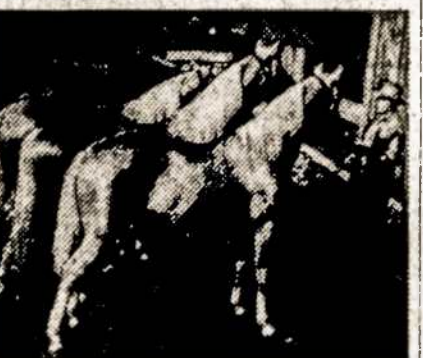
On the fields which had the benefit of extra fertilizer, contour cropping, manure, lime and deep rooted legumes, the water loss from runoff for four years was eight inches, compared with 17½ on fields farmed under the common system. Soil loss was only 1.8 tons under conservation against 8.8 tons with the common system. Organic matter losses were 492 and 976 pounds, respectively, while those of nitrogen were 16 and 77 pounds; phosphorus 19 and 62; and potash, 10 and 24 pounds.

Corn yields averaged 92 bushels per acre against 62 bushels on the common fields, in 1942. By 1945 the corn output reached 122 bushels per acre, compared with 71 bushels on the common fields. Wheat yields averaged 25 bushels and 15 bushels.

KNOW YOUR BREED

Golden Palomino By W. J. DRYDEN

Originally a cross between Palomino and Arabian, the Golden Palomino has become recognized as the golden horse Palomino. Photo shows



some of the George Garretson prizes.

They are bigger and stronger than the sire and are the quarter-horse type. Their temperament is fiery, but they may be trained to gentleness. The infusion of Arabian "blue-blood," resulted Bontor, a classic gray Arab.

Turns Rooster Into Good Setting Hen

The application of hormones as an aid in fattening poultry has been carried on for some time. The hormones tried have had the effect of "tenderizing" the flesh of poultry.



Dr. A. V. Nalbandov, University of Illinois, demonstrates success of hormone experiments to Leo Campbell and Ralph Inhoff, officials of Illinois Poultry Improvement association.

The use of prolactin hormones to transform roosters into setting hens has been successfully accomplished at University of Illinois.

Make Cheddar Cheese From Pasteurized Milk

A new method of making American cheddar cheese greatly simplifies the whole operation and enables the average cheesemaker to produce a uniform and high-quality product regularly. The new method uses pasteurized milk, destroyed of undesirable bacteria, to which an active and dependable starter containing only the essential bacteria has been added, and adds and time control.



Uncle Sam Says



Was the victory won on the battle field at so high a price wasted in your case? Are you doing anything this Armistice Day about making your future a happier, brighter future? How should my niece and nephew observe Armistice Day? First, honor the memory of the Americans who died for the security of all we hold dear. Then, make the day a day of action on behalf of your security. Rejoin the Payroll Savings Plan. Sign up for security. U. S. Treasury Department

Public Spending Methods

Change in Relationship

Figures compiled by the National Industrial Conference board on annual expenditures of government—federal, state and local—over the last 3½ decades indicate that significant shifts have occurred in the normal peacetime spending relationships between these three public bodies.

Before the war period, combined state and local expenditures occupied the dominant position in overall government spending as a normal peacetime pattern. In the 28 years from 1913 through 1940, this relationship was true in all but six years. Three of those six years were in the World War I period when the public purse, as was true of every war, was opened without limit for victory. The other three years were during the '30s when New Deal spending was at its height.

But the situation has been reversed today. The federal government now dominates the overall government spending picture. True, federal expenditures have been reduced greatly from the peak wartime outlays. Compared with pre-war years, however, the cost of the federal government is now so large that the new relationship in expenditures is likely to be a continuing one.

Your Week

JANUARY 5-11

WEEKSCOPE

PEOPLE BORN IN THE AQUARIUS SIGN OF THE ZODIAC ARE PERHAPS THE ONE COMPLETELY UNSELFISH TYPE

ON EPIPHANY EVE, SPANISH CHILDREN STUFF THEIR SHOES WITH STRAW TO BE EATEN BY THE MAGI'S HORSES AND REPLACED WITH GIFTS

UNTIL THE PRESENT CENTURY ARMENIA CONTINUED THE MEDIEVAL PRACTICE OF CELEBRATING CHRISTMAS ON JANUARY 6

BORN IN 1800, ONE OF THE MOST OBSCURE PRESIDENTS WAS FILLMORE CAN YOU SPELL HIS FIRST NAME?

MAKE YOUR FRIENDS HAPPY ON THEIR BIRTHDAYS WITH CHEERFUL, HUMOROUS GREETING CARDS

1918 - CLEMENCEAU HEARING WILSON'S 14 POINTs, SAID "GOD GAVE US TEN COMMANDMENTS AND WE BROKE THEM... WILSON GAVE US 14 POINTS - WE SHALL SEE"

1776 - 120,000 COPIES OF THOMAS PAINÉ'S "COMMON SENSE" ADVOCATING REVOLUTION AND INDEPENDENCE, WERE CIRCULATED IN A FEW MONTHS - THE EQUIVALENT OF 6,000,000 TODAY

1793 - JEAN PIERRE BLANQUARD ROSE 5,800 FEET OVER PHILADELPHIA, CARRYING A LETTER FROM A SPECTATOR, GEORGE WASHINGTON

ANNUAL TOWN MEETING

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JANUARY

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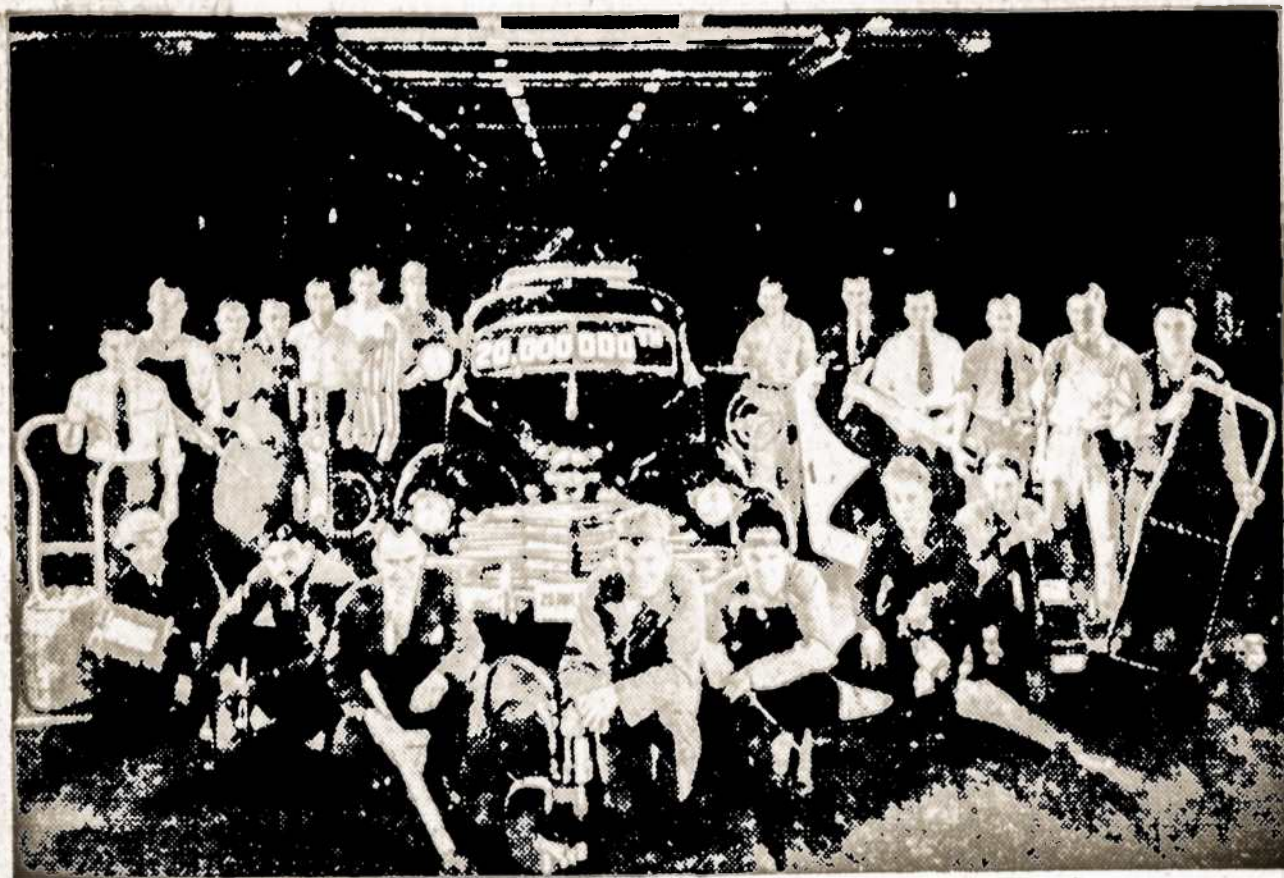
BARGAINS, BARGAINS

IN EVERY DEPARTMENT

GOODNOW PEARSON & HUNT

Brattleboro

"Milestone Model" and the Men Who Made It



Twenty men whose combined crafts and skills are representative of the myriad trades contributing to production of a motor vehicle, pose at Flint, Mich., with a "milestone model"—the 20,000,000th unit produced by Chevrolet in its 35-year history. From the engineer with

his designs and blueprints, to the polisher with his buffing tool, from the chemist to the hooded welder, these are the men who keep the nation's traffic arteries humming. Despite production difficulties, Chevrolet has produced its latest million cars and trucks in almost exactly a year.

'Land of Ducky Leaves'

Rich in Precious Stones

In ancient times when Ceylon was known as Lanka, the poet of the Indian epic, Ramayana, wrote of "green and glorious Lanka, garden of the sky." Since then, among other tags, the island has been called the "Land of Ducky Leaves," "Island of Jewels," "Land Without Sorrow" and "Dwelling Place of Lions."

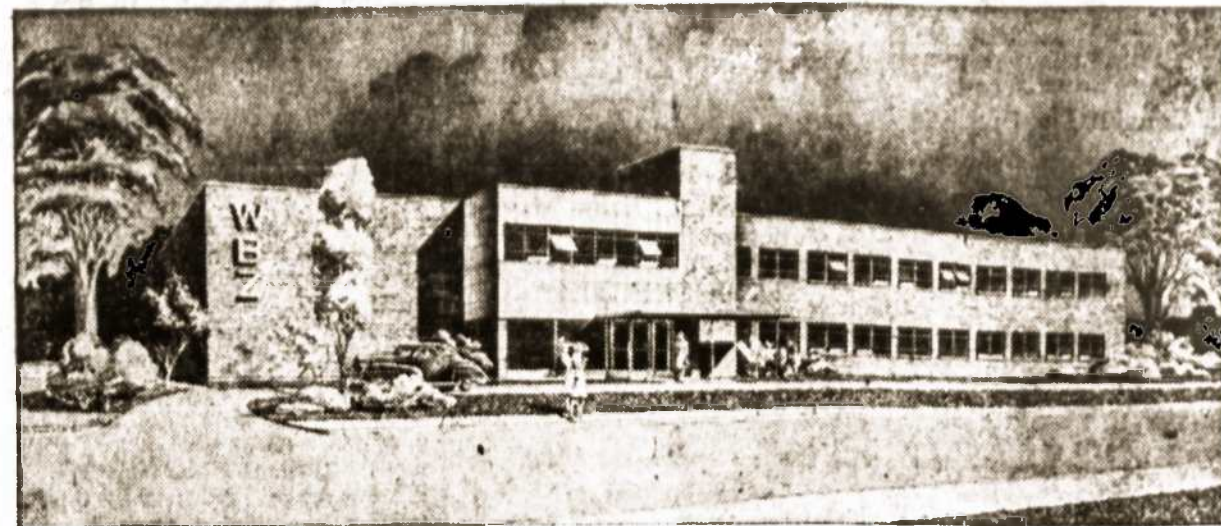
Most of the descriptive phrases for the lush, tropical isle off the tip of India grew out of its handsome scenery—mountains and waterfalls, sculptured rice terraces, rhododendron gardens and palm-fringed lagoons.

Ceylon's jewel title is earned by its pearl fisheries and gem pits. Gravel and sand give up sapphires, rubies, garnets and other precious and semi-precious stones.

Lions, however, exist now only in old native legends. Instead, in the forests and jungles are wild elephants, leopards, monkeys, crocodiles and cobras. A mysterious forest creature, with a weird, strangled cry in the night, is known as the "devil bird" by the natives. They believe it contains the tortured spirit of the dead.

Ceylon has been a British possession since 1796. It was made a crown colony separate from India, as far back as 1802. During World War II, the inland hill town of Kandy was headquarters of the Southeast Asia Command. The excellent harbor of Trincomalee, on the northeast coast, became a vital United Nations base. Ships laden with war supplies and troops replaced the former heavy commercial traffic at Colombo, the island's capital and cosmopolitan port on the west coast.

NEW WBZ RADIO TELEVISION CENTER



Pictured above is the drawing of the 2-story building of functional design which will house the FM Television activities of Westinghouse Radio Stations, Inc., owners of Stations WBZ and WBZA in Boston. Located on a 10-acre tract adjacent to Harvard Stadium, the \$1,000,000 project is scheduled for completion next spring.



Is This YOUR Outfit, Joe?

This short history is presented in your interest by AMVETS, American Veterans of World War II, the largest exclusively World War II veterans' organization. For further information relative to this history or to AMVETS, contact your local AMVETS post or write to AMVETS National Headquarters, 724 9th Street, N. W., Washington 1, D. C.

1ST CAVALRY DIVISION

The 1st United States Cavalry Division was honored by leading the American Occupation Army into Tokyo. This division, which during its tenure in the army has served under such commanders as Gen. Robert E. Lee and Gen. George A. Custer, has an outstanding record in World War II.

It left for the southwest Pacific May, 1943, after extensive amphibious training and landed on Admiralty Islands February, 1944, and within a half hour took the Momote Air Strip. This has been named one of the wildest battles of the Pacific. Landing with little opposition the troops dug in, but next morning the Japs counter-attacked, coming in waves screaming "Banzai" and

singing "Deep in the Heart of Texas." Approximately 4,500 Japs were killed in the battle for the Admiralties. The 1st Cavalry was one of the spearhead divisions invading Leyte and for this action won a citation. It was also the first division to enter Manila January 31, 1945, after landing at Lingayen, Luzon, three days previously.

Component units at the time of its sailing overseas were: 1st Cavalry Brigade consisting of the 5th and 12th cavalry regiments and the 2nd cavalry brigade consisting of the 7th and 8th cavalry regiments; the 61st, 82nd and 98th field artillery battalions. The oldest regiment is the 5th, organized in 1855 as the 2nd U. S. Cavalry regiment. The 7th, organized in 1866 was commanded by Custer at Big Horn. Present commander is Gen. William Chase, who commanded the 1st Brigade and the 38th Division.

Uncle Sam Says



What did the Secretary of the State of Wyoming say to the Banking Commissioner when they met in Cheyenne in 1937? "I'd like to find a plan to assure a comfortable retirement for myself and my family," said the Secretary of State. "Why don't you do what I am doing, buy Savings Bonds regularly out of income?" his friend replied. Today they have begun the second 10 years of their retirement plan. The then Secretary of State is now Governor Lester C. Hunt, and the former Bank Commissioner is the present director of Savings Bonds sales. You, too, can emulate their example. If you invest \$18.75 each month in a Series E Savings Bond of \$25 maturity value over a period of 20 years and hold ALL the bonds to maturity you will receive an average yearly income of \$700 for the ten years following.

U. S. Treasury Department

Use of Blast Furnace
The blast furnace is the meeting place of the raw materials, iron ore, coke and limestone from which pig iron is produced. The process of converting iron ore into metallic iron, called pig iron, consists of charging layers of coke, iron ore and limestone into the blast furnace and blowing a blast of air, heated to about 1,250 degrees, up through the mass. The coke burns in the air, thus generating heat and gases which melt the charge and promote certain chemical reactions. The gases formed by the combustion of the coke combine with and remove the oxygen of the ore, while the molten limestone combines with the earthy matter of the ore, causing it to become fluid and separate as a scum of slag, leaving molten iron.



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101ST AIRBORNE DIVISION

Bastogne... that name will go down in the history of World War II and with it the epic defense made by the members of the Screaming Eagle Division and the classic answer of its commanding General to the German demand to surrender. "Nuts," was that answer.



And for that hold the line, the division was awarded the Distinguished Unit citation.

The Division was activated in August, 1942, and sailed in September, 1943, for Europe, its component units at that time being the 321st and 907th Glider Field Artillery Battalions; 502nd and 800th Parachute Infantry regiments; 377th Parachute Field Artillery Battalion and the 401st and 427th Glider Infantry regiments. It trained in England until opening of the European campaign June 6, 1944.

On D-Day the 101st made its airborne landing in France and began its dash across Normandy. On D-Day plus six, it liberated the city of Cartentan and burst on through France and went into action in December in the now epic battle. Its assignment was to hold against Von Rundstedt and hold it did. The Division was cut off and ammunition, blood plasma and food had to be dropped from the air. After Maj. Gen. Anthony C. McAuliffe, commander, gave his memorable answer to the German General, it held steadfast until reached by the 4th Armored Division. In February, 1945, the division was placed in the 7th Army in action near Strasbourg and by March plunged into the vital areas of the Reich. By V-E day the Division had reached Hitler's Berchtesgaden.

Making Chimneys Safe

Many chimneys in old houses are built with four-inch walls and without flue linings. As the bricks and mortar disintegrate, or settlement causes cracks either in the brick or in the joints, these chimneys present a serious fire hazard. Should soot and tar deposits in the chimney become ignited, the flame is forced out through the cracks or open joints and is likely to ignite the wood framing of the house. Chimneys built on brackets fastened to the framing or set on a wooden floor may crack as the framing swells, shrinks or settles. For safety make sure that the chimneys are built on a solid foundation set into the ground at least 42 inches, that the flues are lined with flue tile and that all joints in the brick and flue tile are completely filled with mortar.

All Eyes Are Blind

Our eyes seem to be blind temporarily when moving from one focus to another. In reading, our eyes can scan a line of type in a series of hops, focusing five or six times on the line. In moving from focus to focus it would seem natural to expect that vision would be blurred. But this is not the case. This leads investigators to believe that our eyes, through some special arrangement, suspends the visual process when the eyes are moving between focuses. Such a method would be similar to the action of a motion picture projector. Between each picture the light is cut off. In the case of motion pictures, however, the eye sees a continuity of action because each picture persists on the retina for a fraction of a second.

Unsocial But Welcomed

Professional cooks rate the onion among the four most important seasoning ingredients—salt, pepper, onion and vinegar, in that order. Besides that, it's a great nourisher in its own right, either cooked or raw. The onion adds zest and appetite appeal to meats, soups, stews, salads—in fact, almost any food except desserts, although some cooks use it to make a delicious "onion pie." The famous Bermuda onion comes chiefly from Texas. Onions grown in the United States are being exported to nearly all parts of the world. At times, however, this country imports onions from as far away as Egypt.

Big Game Fish Records

Offer Keen Competition

According to the chart of the International Game Fish association, the largest game fish ever to be taken on rod and reel was a man-eater or white shark, caught by G. R. Cowell off Kangaroo Island, Australia, on May 12, 1941. The huge shark measured 14 feet, 3 inches in length, 8 feet and 1/2 inch in girth and weighed 1,919 pounds.

Runner-up is another of the shark family, a tiger shark weighing 1,383 pounds and measuring 13 feet and 10 inches in length, 7 feet and 1 inch in girth. This fish was taken by L. Bagnard, off Sidney Heads, Australia, February 22, 1939.

Other record sharks are a 1,008 pound porbeagle shark and a 1,000 pound mako shark.

The largest bluefin tuna weighed 927 pounds and measured 10 feet, 2 inches in length. This fish fell to the angling skill of J. Vernaglia in Ipswich bay, Massachusetts, on August 25, 1940.

Among those anglers who have crashed the circle of record holders is the motion picture actor, Wallace Beery, whose 515 pound California black sea bass set a new record for this species.

Disease of Royalty

Hemophilia, often called the "disease of royalty" because it has afflicted some of the ruling families of Europe, is also a problem among some of the "royalty" of America's dog population. In research reported by American Veterinary Medical association, the disease was studied in the male members of a family of highly-prized, pure-bred dogs. Symptoms of hemophilia began when the dogs were born and, as they became older, a number of them bled to death after suffering ordinary wounds or while cutting teeth. The blood failed to clot and nothing could be done to stop the bleeding. Studies revealed that the hemophilia was due to "an inherited, sex-linked, recessive gene." The condition, it was explained, can be inherited in different ways in different species and families.

Miners Are Younger

The age of the bituminous coal miner in the U. S. averages 41 years, and the age curve is downward rather than upward, according to figures by Bituminous Coal Institute. Furthermore, the bituminous industry has its largest percentage of workers in the 30 to 34 age group, while industry generally has its greatest percentage of workers in the 35 to 39 age bracket. "Records of the federal social security board, which has to keep tabs on all workers in all industries," said the BCI statement, "give the lie to recent loose talk to the effect that coal miners as a class are, for the most part, old men with an average age well past 50."

Delaware Flower

The peach blossom was adopted as the official floral emblem of the State of Delaware on May 9, 1895. Prior to the passage of this act there had been much sentiment among some of the citizens of the state who favored the golden rod as the state flower. As result of this sentiment agriculturalists and school children sent petitions to the legislature pointing out that Delaware had the reputation of being the "Peach State" since her orchards contained more than 800,000 peach trees, which yielded a crop worth thousands of dollars. These reasons prompted adoption of the peach blossom as the official state flower.

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Starts Thursday January 8th at Nine A. M.

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John Garfield Lilli Palmer

Thurs.-Sat. Jan. 8-10
"UNSUSPECTED"
Jean Caulfield Claude Rains

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"NOTORIOUS"
Ingrid Bergman Cary Grant

Tues.-Wed. Jan. 6-7
"HONEYMOON"
Shirley Temple

Fri.-Sat. Jan. 9-10
"TARZAN and HUNTRESS"
Johnny Weissmuller

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"Adventure Island"
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POWL PLAY

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and night chores easier and safer,

yard lights are proving to be good

insurance against chicken thieves.

Louvre of Paris Ranks

As Outstanding in Beauty

The Louvre building, as it now stands in Paris, is the work of many architects from the time of Francis I to the early years of the Third Republic, and much of it is at least ordinary. Tucked away, however, in the great rambling structure are facades in which the visitor still can see the original work of those Renaissance artists whose ideas made men forget the Gothic completely at a time when the Tour St. Jacques was still clean and new.

First in time and beauty is the work of Lesot in the southwest part of the Cour du Louvre, where the inspiration of the designer of the facade was crowned by the figures of Jean Goujon, greatest sculptor of the French Renaissance. The Colonnade of Claude Perrault on the eastern extremity of the whole edifice is equally famous, if not equally admired, for its grandeur marks the beginning of a school of architecture. This facade, incidentally, faces on the church of St. Germain l'Auxerrois, whose bell gave the signal in 1778 for the massacre of St. Bartholomew.

The long gallery which faces the river was built during the time of Catherine de Medici and Henry IV, and reconstructed and altered under Napoleon III, whose reign also saw the building of most of the northern wing along the Rue de Rivoli.

Ultra-Violet Rays Tamed

Ineffective in Fruit Decay

Several difficulties still stand in the way of using germicidal lamps to prevent decay of fruit in shipment and storage, according to the department of agriculture. Fruit decay usually is caused by fungi or molds, instead of by bacteria against which ultra-violet light has been shown to be very effective.

Installation of lights in storage rooms to kill molds and bacteria in the air are of doubtful benefit, the tests show. The air must pass close to the lights many times to get exposure long enough to kill spores of most fruit rots. Since the infection usually starts from spores that are brought in on the fruit, reducing the spore load in the air is of not much help unless the spores on the fruit can be killed also. To be effective, the germicidal light must strike all surfaces of the fruit. This is hard to do in a storage room.

Exposing fruit as long as 10 minutes at a distance of six inches from the lights gave only a partial kill of common peach rots. Plant scientists cannot yet recommend germicidal lamps for general use in protecting fruit during packing, storage or shipment.

Undersea Oil Exploration

The ever-increasing demand for petroleum products has led the oil industry to seek new deposits far from the shore beneath the ocean bottom. Exploration methods involve the detonation of explosive charges under the surface of the water, with echoes of oil-bearing strata being picked up on sonic detection devices. Inasmuch as the use of explosives can cause damage to marine life, any undersea exploration is subject to regulations of the fish and game commission. Studies indicate that the use of explosives as conducted in oil surveys is only moderately harmful to marine life and only within a restricted range. If the "shots" are buried under the sand, harmful effects are minimized. As a result of these observations, oil companies are required to operate only where fish are not abundant at the time and they must bury their charges in the sand when operating in shallow water.

Wearing of the Mink

The mink is probably the most resourceful hunter of the weasel family. He is a hunter, most of his time and sleeps only when he is tired to go hunting. Then, wherever he is, he curls up and sleeps at will. Waking he will sit patiently by a stream to catch a fish; then will stalk a frog; catch a rabbit that is trying its best to get away; follow a meadow mouse along its little tunnel; streak up a tree to rob a bird's nest; chase a bob-white until it drops from fear; take a chicken neatly out of a farmer's pen. The pelts vary from light shades of brown to a rich glossy dark brown. They are highly prized in the manufacture of fur garments. Mink farming has become of commercial importance. The value of the industry in New York state alone has succeeded five million dollars.

Removing Fruit Stains

Some fruit stains will wash out with boiling water, but at least four will give way only to cool-water treatment, according to Washington State college specialists. Fresh peach, pear, cherry or plum stains can be removed by using cool water and glycerine or a soapless shampoo. The cool water process is to first sponge the stain with cool water. Then work a little glycerine or soapless shampoo into the stain, rubbing lightly between the hands. Let stand for several hours; then apply a few drops of vinegar and allow to remain a minute or two before rinsing thoroughly with water. Cool water and glycerine also are recommended for stains made by tomato juice and catsup.

Uncle Sam Says

SHOP EARLY



This is the time of year when the "shop early for Christmas" signs begin to take on meaning which will grow day by day until the happy day actually is here. You could do no better than to put savings bonds at the top of your gift list for someone in your own family circle or a dear friend. U. S. Savings Bonds are truly the gift that is thrice blessed—when it is given, when it is received and when it matures 10 years hence at the rate of 94 for every \$3 invested.

U. S. Treasury Department

Hunters May Need Glasses

A contributing factor to the lack of visual acuity among hunters is the rather common practice of hunting without glasses. Bad weather conditions reduce visibility. The inconvenience of cleaning glasses is small compared to the possibility of being involved in an accident. One preventive measure for steamed or rain-spattered glasses is to clean glasses with soap and water, rinse and dry thoroughly. Then, take bar of soap and rub on both surfaces, take perfectly dry cloth and polish briskly. This procedure results in a thin invisible film of soap on both surfaces of lenses, retarding collection of rain or snow, and preventing steaming.

Related to the Grouse

The picturesque prairie chicken, a strutting, grayish-brown grouse, which throws up his head, hops around with a strange dancing step, lifts his short, broad tail erect and inflates the brilliant orange sack just under the eyes, is a close relative of the sharp-tailed grouse. As he expels air from the swollen sacs, he fills the air with a strange, hollow boom. The under part is grayish-white with chestnut horizontal bars, while the upper plumage is deep chestnut marked with borders of black and white. He lives entirely in the open prairie, finding food and cover in the rich prairie vegetation. His range is from Alberta, Canada, to Indiana.

Right and Left Seeing

The right side of the brain carries on the work of seeing for the right side of both eyes and the left side of the brain performs the seeing for the left side of the two eyes, according to Better Vision Institute. Half of the nerves from each eye cross over to the opposite side of the brain. Nerves connecting the right side of the retina of each eye are connected with the right occipital lobe in the brain, and the nerves from the left part of the retina in both eyes connect with the brain's left seeing center. This arrangement, it is believed, assists the two eyes to fuse together their pictures, and also gives depth to the pictures.

Stop Creaking Floors

Many creaking floors result when the subflooring becomes loosened from the joists. If the underside is exposed and the defects located, thin wedges may be driven between the joist and the loose board. However, if there is a ceiling below it is necessary to remove the finished floor unless two-inch finishing nails driven through the floor and into the joist stops the creaking. The joist may be located by gentle pounding for hollow and solid sounds. Drive the nail head below the surface and fill the hole with wood putty or some similar substance.

Curing by Drugs

Curing a person of one germ-produced disease by means of potent drugs may lead to development of another disease, Dr. William J. Kerr of San Francisco recently warned in a discussion of the use of penicillin. Many disease-producing germs live in a balanced state of existence in the body and normally remain in an intellectual state, but if one kind of germ is killed off others may develop spontaneously in great numbers and produce disease symptoms, he reported.

Some Dangerous Diets

The necessity of taking account of the direct effect which the diet of the host may have on a disease-producing organism has been pointed out by research workers at Wellcome Research Laboratories. Poor diets may lower natural resistance to disease, but diets which are good from the standpoint of general health may, if they contain substances which stimulate infectious agents, produce bad results. Since this kind of effect has been demonstrated so far only for pneumonia, it is not known yet how widely such effects may occur, nor whether or not similar relationships between diet and disease may apply to hu-

Grid Stars Pit Manpower vs. Horsepower



"Seven iron men vs. 90 horses" . . . the forward wall of the Wayne University football team of Detroit works out in novel fashion at the blocking sled, providing the perspiration, while four attractive Tartar fans offer inspiration. The mechanized practice session sought to discover whether the forward wall could "hold that line" against a Chevrolet. The Tartar line admitted they'd had a workout, but said they'd never faced prettier competition.

Wayne University football team of Detroit works out in novel fashion at the blocking sled, providing the perspiration, while four attractive Tartar fans offer inspiration. The mechanized practice session sought to discover whether the forward wall could "hold that line" against a Chevrolet. The Tartar line admitted they'd had a workout, but said they'd never faced prettier competition.

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